



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Project Kit

Title of the Project

Corporate connect platform for startups

Abstract of the Project

The **Corporate Connect Platform for Startups** is an innovative digital solution designed to bridge the gap between startups and large corporations, enabling mutually beneficial collaborations. In today's dynamic business environment, startups often require access to resources, mentorship, funding, and partnerships to scale their operations. Conversely, corporations are constantly seeking innovation, acquisition opportunities, B2B sales prospects, and impactful ways to deploy Corporate Social Responsibility (CSR) funds. This platform facilitates seamless interactions between these two entities, fostering connections that drive growth, innovation, and sustainability. This platform enables seamless connections based on industry, region, and mutual interests.

Generic keyword:

Startup ecosystem, Business matchmaking, CSR funding, Business networking, Investment opportunities, Management, Payment Processing, User Authentication, Partnership opportunities.

Specific Technology keywords:

HTML, CSS, JavaScript, MySQL, React.js, Bootstrap or Tailwind CSS, Node.js with Express.js, Web-Based Application, Database Management.

Functional Components of the Project:

User Registration and Authentication:

- **User Registration:** Startups, corporates, and admins can register on the platform with role-specific details.
- **Login/Logout:** Users can securely log in and log out using email/password or social login(Google, LinkedIn).
- **Role-Based Access:** Users will have different functionalities depending on their role(startup, corporate, admin).
- **Account Management:** Users can manage profiles, reset passwords, and update information.

User Profiles

- **Startup Profile:** Startups create detailed profiles including business information, industry, region, product offerings, funding needs, and partnerships goals.
- **Corporate Profile:** Corporates provide company information, CSR initiatives, partnership/acquisition interests, and regional focus.
- **Profile Search Visibility:** Users can set their profiles to be visible for



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matchmaking or remain private.

CSR Funding Portal

- Corporate CSR Listings: Corporates can post available CSR funding opportunities.
- Startup Applications: Startups can apply for CSR funding, attaching pitch decks, business plans, and other relevant documents.

In-Platform Communication:

- Users can send direct messages to initiate discussions or collaborations.
- Users receive notifications about new messages, connection requests, event reminders, and CSR application updates.

Admin Dashboard:

- Offers administrators a dashboard to manage user accounts, platform monitoring, billing, and provides reporting and user management tools.

Payment Gateway Integration:

- Integrates with payment gateways for secure payment processing.



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Functionality

Users of the system:

Startup Users:

Role: Access their accounts, apply for CSR fundings, profile management, communication, and matchmaking.

Corporate Users:

Role: Profile Management, matchmaking, post CSR funding opportunities and initiatives, and communication.

Admin Users:

- Role: Manage user accounts, monitor funding activities, content moderation, generate reports, and ensure system security.

The core functionality of the Corporate Connect Platform for Startups system includes:

- User registration and authentication for the startups, corporates and administrators.
- Management of startups, corporates, admins profiles including contact details and preferences.
- Connection requests and status tracking.
- Corporate CSR funding listings
- Startups apply for funding and application status tracking
- Direct messaging between users and group discussions and notifications
- Customer support through a helpdesk system and knowledge base.
- Administration tools for managing user accounts, monitor funding activities.
- Integration with payment gateways for secure transactions.
- Implementation of robust security measures to protect customer data and ensure compliance with data privacy regulations.

Steps to start-off the project:

The following steps will be helpful to start off the project –

1. Get a firm grasp on the above technology.
2. Get the domain knowledge. (Speak to a corporate manager or an employee to get better understanding of the system.)
3. Decide on the number of users and their profile.
4. Help should be very user friendly.
5. UI should include good images and have a constant look and feel throughout the application.



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Requirements

Hardware Requirements:

Number	Description	Alternative (if Available)
1.	Minimum requirements- Processor, x86-64 bitCPU	
2.	Ram -4Gb, Disk Space -5Gb.	

Software Requirements:

Numbers	Descriptions	Alternatives (if Available)
1.	Client on Intranet - User Interface, Windows OS	
2.	Development end- Eclipse IDE, Spring Boot, VS code, MySQL, Windows OS.	

Manpower requirements:

2 to 3 students can complete this in 4 – 6 months if they work fulltime on it.

Milestones and Timelines

Number	Milestone name	Milestone Description	Timeline Week no. From the start of the project	Remarks
1.	Requirements Specification	Complete Specification of the system (with appropriate assumptions) that constitutes this milestone. A document detailing the same should be written and a presentation on that be made.		2-3 Attempt should be made to add some more relevant functionalities other than those that are listed in this document.



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2.	Technology familiarization	Understanding of the 4-technology needed to implement the project.		<p>The presentation should be from the point of view of being able to apply</p> <p>rather than from a theoretical perspective.</p>
3.	Database creation	A database of at least 5-100 entries of users, 500-600 products, should be created. High level and listing do detailed possible scenarios design and then coming with flow-charts or pseudocode to handle the scenario.		<p>It is important to finalize on the database at this stage itself so that development and testing can proceed with the actual database itself. The scenarios should map to the requirement specification (i.e, for each requirement that is specified, a corresponding scenario should be there).</p>
4.	Implementation	Implementation of the of the front-end main of the system login facility that follows the login giving various options, screens for each of the options.		<p>During this milestone period, it would be a good idea for the team (or one person from the team) to start working on a test-plan for the entire system. This test-plan can be updated and when new scenarios come to mind.</p>



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5.	Integrating the	The front-end 12-13 front-end with develop the database earlier mile now be able to update the database. Other features like. In short, the system should be ready for integration testing.		
6.	Integration	The system should be 14-15 Testing thoroughly tested by running all the testcases written for the system (from mil5). Issues found during		Another 2 weeks should be there to handle any issues found during testing of the system. After that, the final demo can be arranged.
7.	Final Review	The previous milestone are fixed and the system is ready for the final review.		During the final review of the project, it should be checked That all the requirements specified during milestone number 1 are fulfilled (or Given for not fulfilling the same)



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Guidelines and Reference:

Object Oriented Modelling and Design with UML- Michael Blaha, Jams Rumbaugh.

React.js Reference Document - <https://react.dev/learn>

Web Docs - <https://developer.mozilla.org/en-US/>

Wikipedia - www.wikipedia.com

Database Management Systems Documentation (SQL) - Oracle.

<https://investorconnect.startupindia.gov.in/>